



Department of Defense OUSD(C)  
**Financial Management Domain**

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# Business Information Strategy

*"Strategy without tactics is the slowest route to victory.  
Tactics without strategy is the noise before defeat."*  
**Sun Tzu**

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Strategic Planning & Resourcing  
February 28, 2005**



# Outline

- Strategic Goal
- What Do You Need?
- Business Information Strategy
- DoD Net-Centric Data Strategy
- PPBE Initiatives
- Balancing Business and Technology
- Business Information Laboratory Overview
- Information Laboratory Goals
- Information Laboratory Design & Common Framework
- Information Laboratory Architecture
- Integrating SFIS into Program Budget Process
- Road Ahead

# Strategic Goal

- Realizing transparency of resource data throughout the enterprise by:
  - Establishing the proper authoritative resource data sources
  - Reducing data feeds
  - Creating a “commonality of language”

***Focus discussion on issues, not data!***

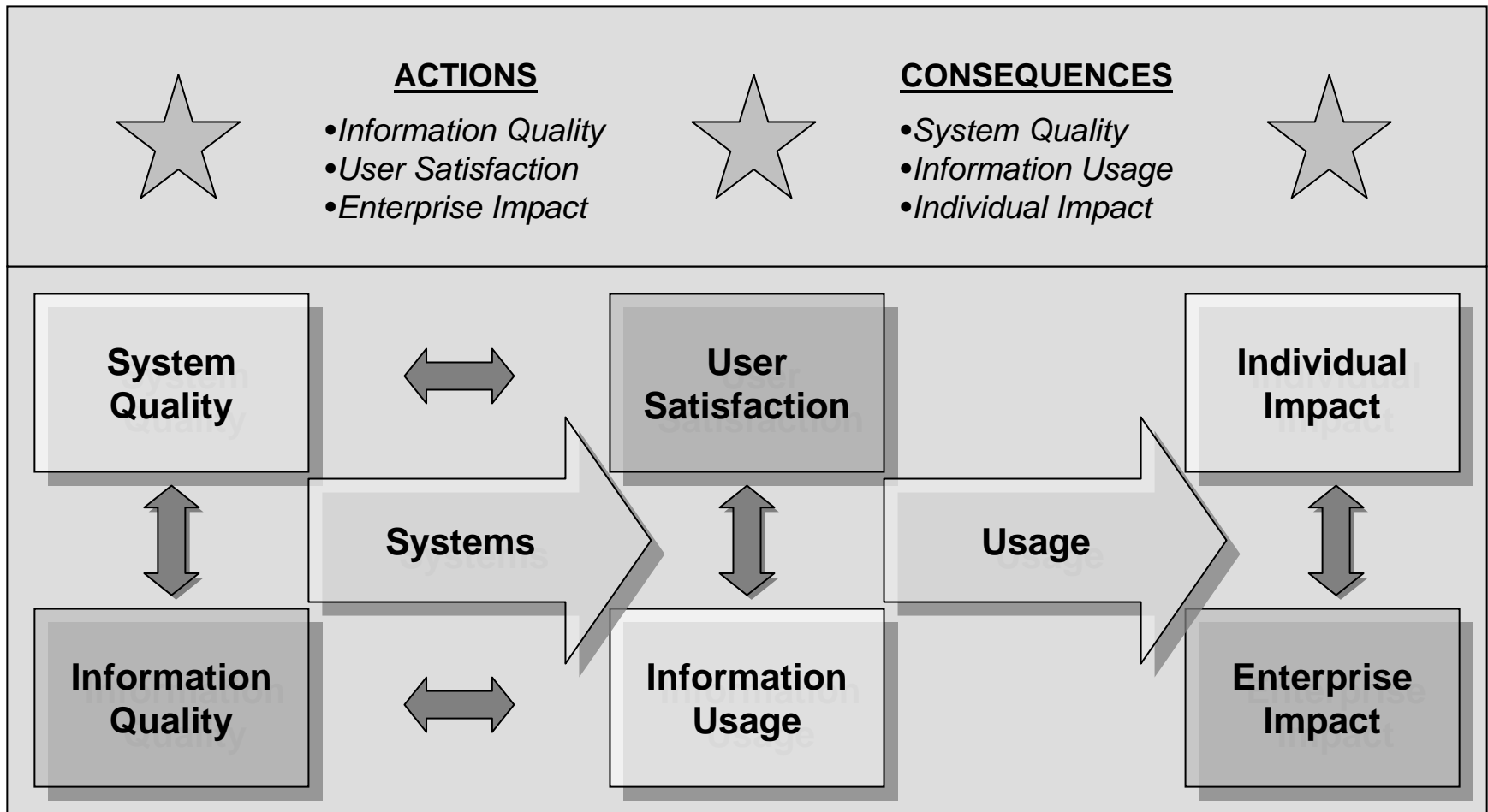
# What Do You Need?

*I NEED real world information now, managed for me, with answers delivered - not just floods of data. And I need to get it into the right people's hands, faster than ever before.*

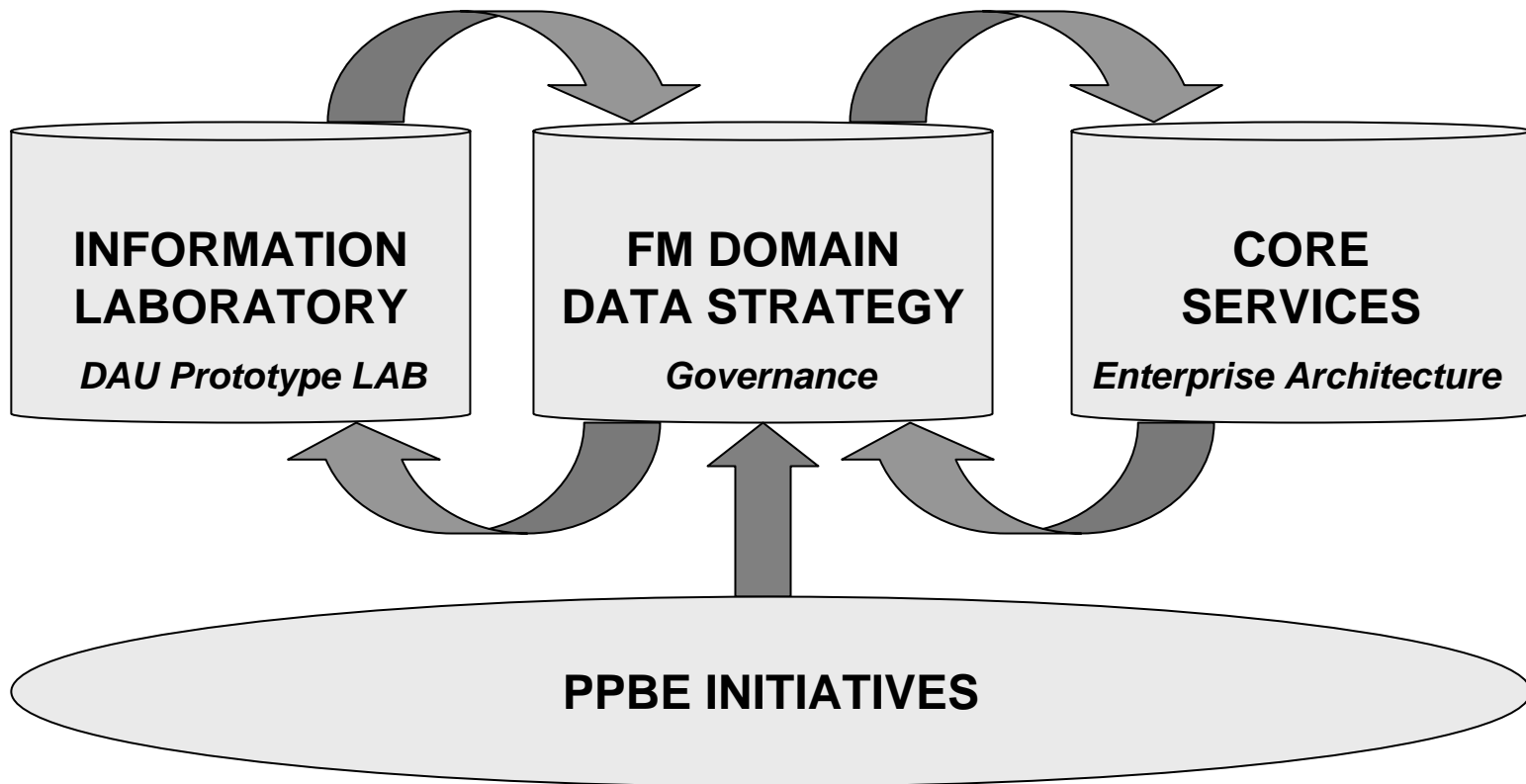
PPBE Information User



# Business Information Strategy



# Business Information Strategy



# DoD Net-Centric Data Strategy

## ***Creating a “WEB” of Information***

- Data is visible, available, and useable when needed and where needed to accelerate decision making.
- All data is tagged with metadata to enable discovery of data by users.
- All data is posted to shared spaces to provide access to all users, except when limited by security, policy or regulations.
- The Department is advanced from defining interoperability through point-to-point interfaces to enabling the “many-to-many” exchanges typical of a net-centric data environment.



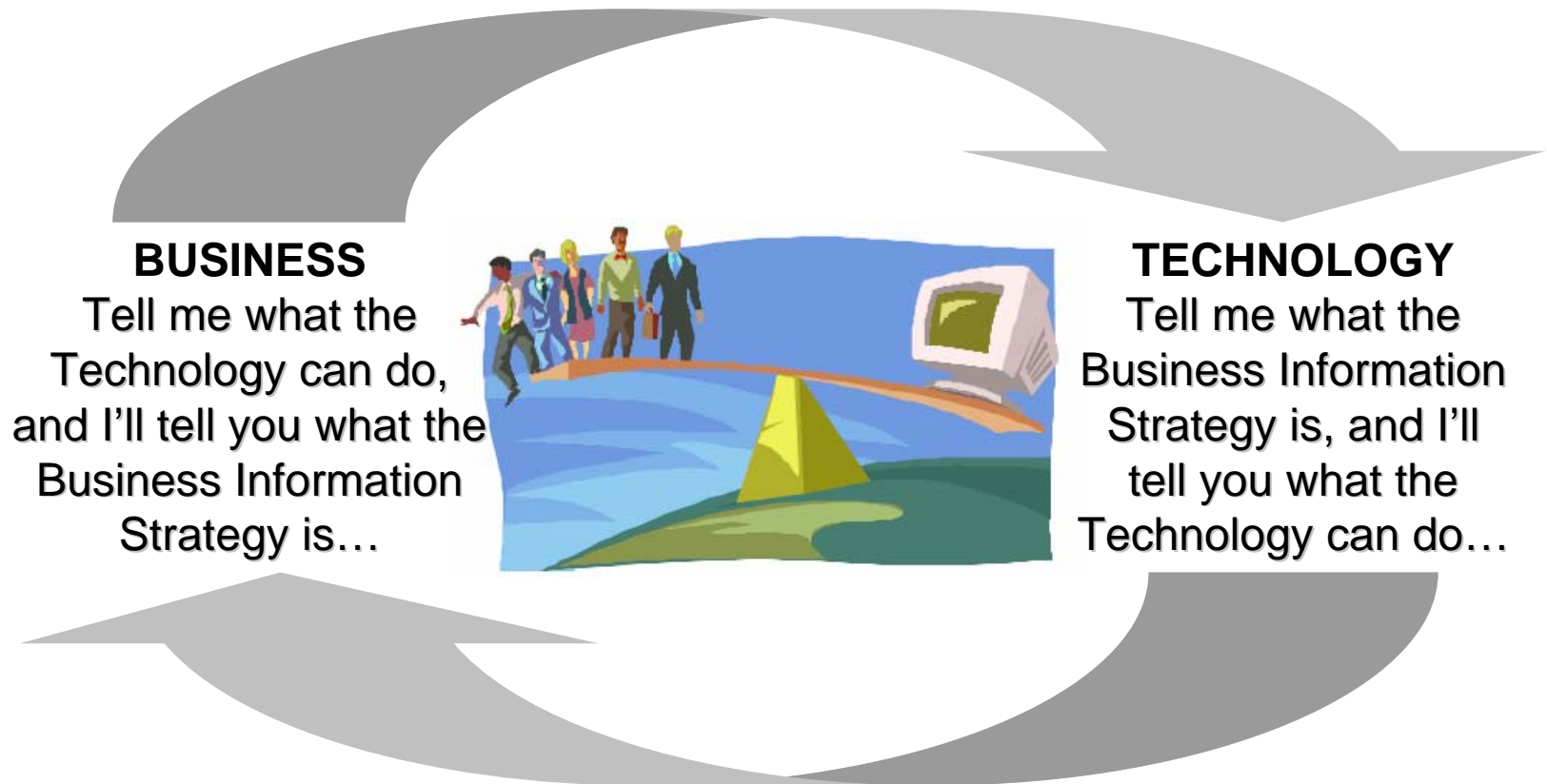
# PPBE Initiatives

**“How do you eat an elephant?”  
“One bite at a time.”**

***All successful yet complicated implementations start  
with a vision and some incrementally extendable  
project activities.***

- Program/Budget Framework
- Acquisition Resource Data Alignment Working Group
- Funds Distribution
- Investment Review Board – PPBE
- Defense Acquisition University Prototype LAB

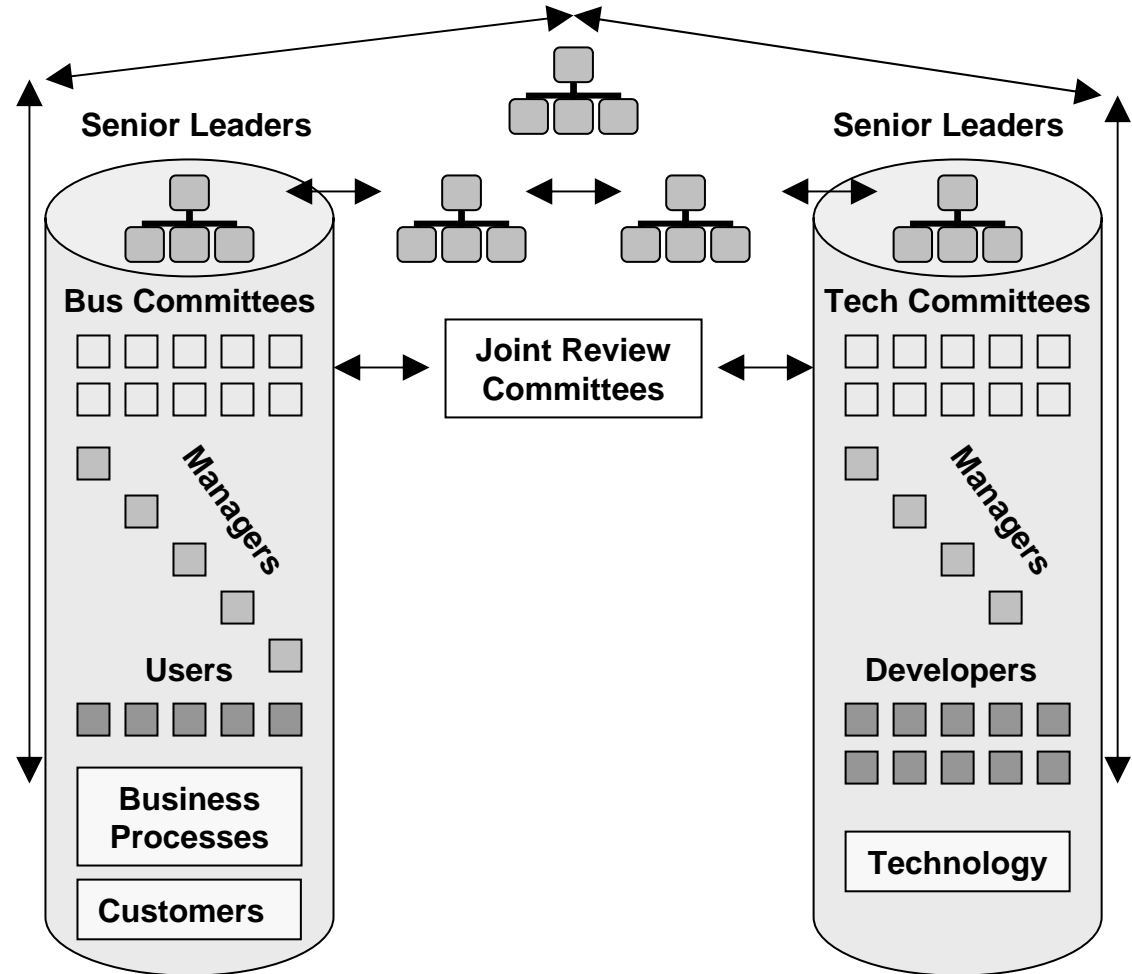
# Balancing Business and Technology



# Balancing Business and Technology

## The Formal Approach

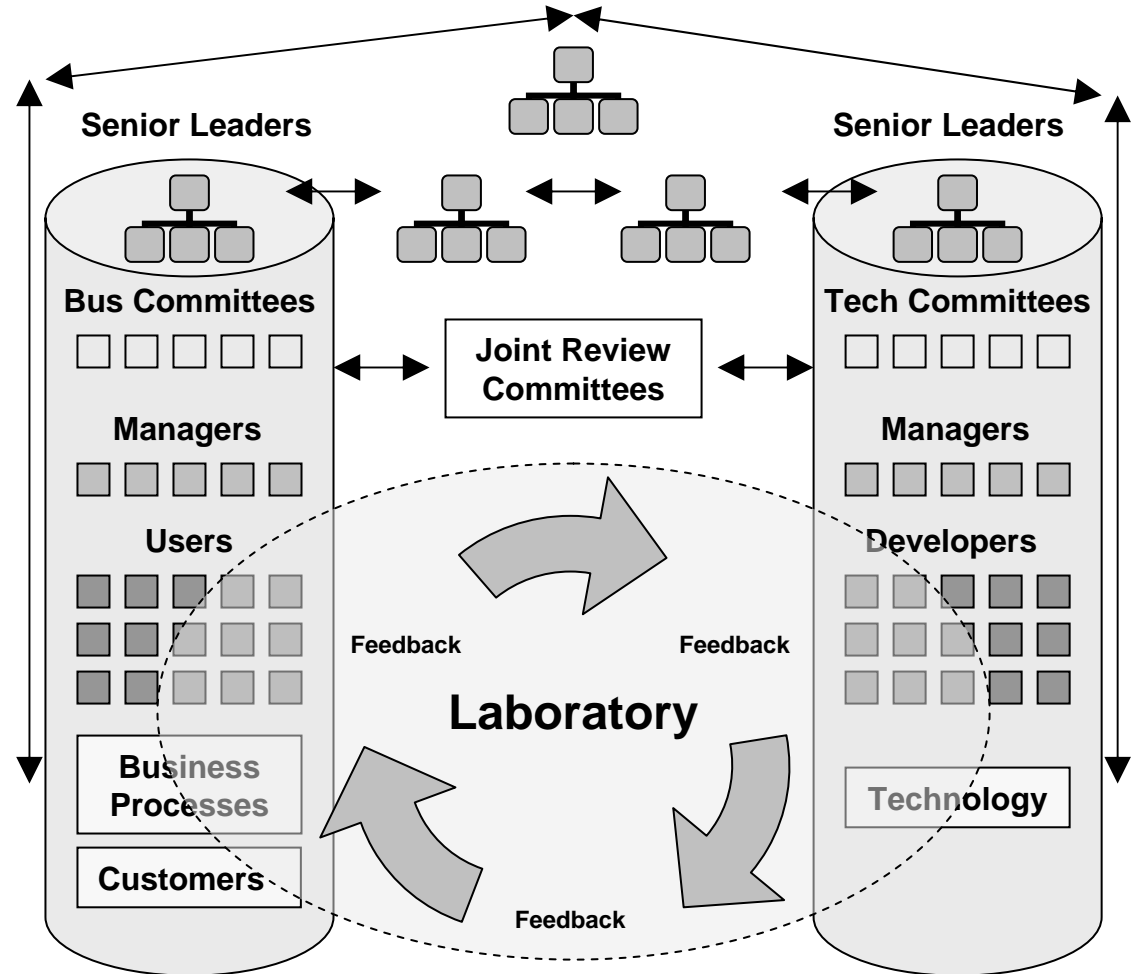
- The Formal Approach evolved to support major systems, ERPs and enterprise services with high cost and time-to-delivery specs.
- Users and Customers supported by business processes are typically underrepresented because they don't have time or the scope is too large.
- User & Customer ideas are normally vetted through presentations and spreadsheets by managers and committees less familiar with their actual needs.
- Communication channels are generally formal, structured, and rigid – restricting rapid, low cost incremental improvements.



# Balancing Business and Technology

## Role of the Information “Laboratory”

- The Information Laboratory is designed to increase efficiency and effectiveness by focusing on low-cost and short time-to-delivery specs.
- Users and Customers who are close to business processes are more fully represented because the scope is smaller and directly related to their day-to-day mission.
- Allows User & Customer ideas to be vetted quickly through actual representations and adopted without major changes or reviews to systems and processes.
- Communication channels are generally informal, and improvements are generated quickly at a low cost.



# Business Information Laboratory Overview

- The Business Information Laboratory was established in partnership with the Defense Acquisition University (DAU) to create a testing environment to evaluate the data relationships necessary to:
  - Link resource requirements to strategy and objectives.
  - Streamline the planning, programming, budgeting, and execution (PPBE) process.
  - Improve decision-making through more timely and accurate information.
- The purpose of the LAB is to test data concepts and approaches such as the Program Budget Framework by providing a platform to quickly create databases, queries, and portal displays that simulate the actual processing, storage, and reporting of data.
- The Business Information Laboratory is a low-cost modeling environment for the testing and development of solutions and the deployment of proven techniques to users to help expedite data collection processes, and allow for immediate improvement in the visibility of data throughout the enterprise.

# Business Information Laboratory Overview

(Screenshot of Program/ Budget Framework Dashboard)

**Business Information Laboratory**  
Strategic Planning & Resourcing Division

Financial Management Domain [Logout](#) [Help](#)

[Dashboards](#) [Find](#) [Analyze](#) [Administration](#) [Create Report](#) [Manage Account](#)

[Program Budget Framework \(Default\)](#) [Edit Dashboard](#) [New Dashboard](#) [Set as Default](#) [Delete Dashboard](#) [Discussion](#) [Feedback](#)

[Alerts](#) [Delivery Options](#)

**Summary Reports**

Base Year 2005 FYDP Summary

As of Feb 14, 2005 12:00:19 AM

Name	Last Updated
<input type="checkbox"/> FYDP Summary Report - BY05	Feb 14, 2005 12:00:20 AM
<input type="checkbox"/> Army Quadrant Summary Report - BY05	Feb 14, 2005 8:20:19 AM
<input type="checkbox"/> Army Appropriation Summary Report - BY05	Feb 14, 2005 12:00:20 AM

**Detailed Reports**

Name	Last Updated
<input type="checkbox"/> OSD FYDP View Report - BY05	Feb 14, 2005 12:00:12 AM
<input type="checkbox"/> Army Temporal View Report - BY05	Feb 14, 2005 12:00:20 AM
<input type="checkbox"/> Army S&T Category Report - BY05	Feb 14, 2005 12:00:21 AM
<input type="checkbox"/> Army S&T - Applied Research SubCategory Report - BY05	Feb 14, 2005 12:00:19 AM

**Exception Reports**

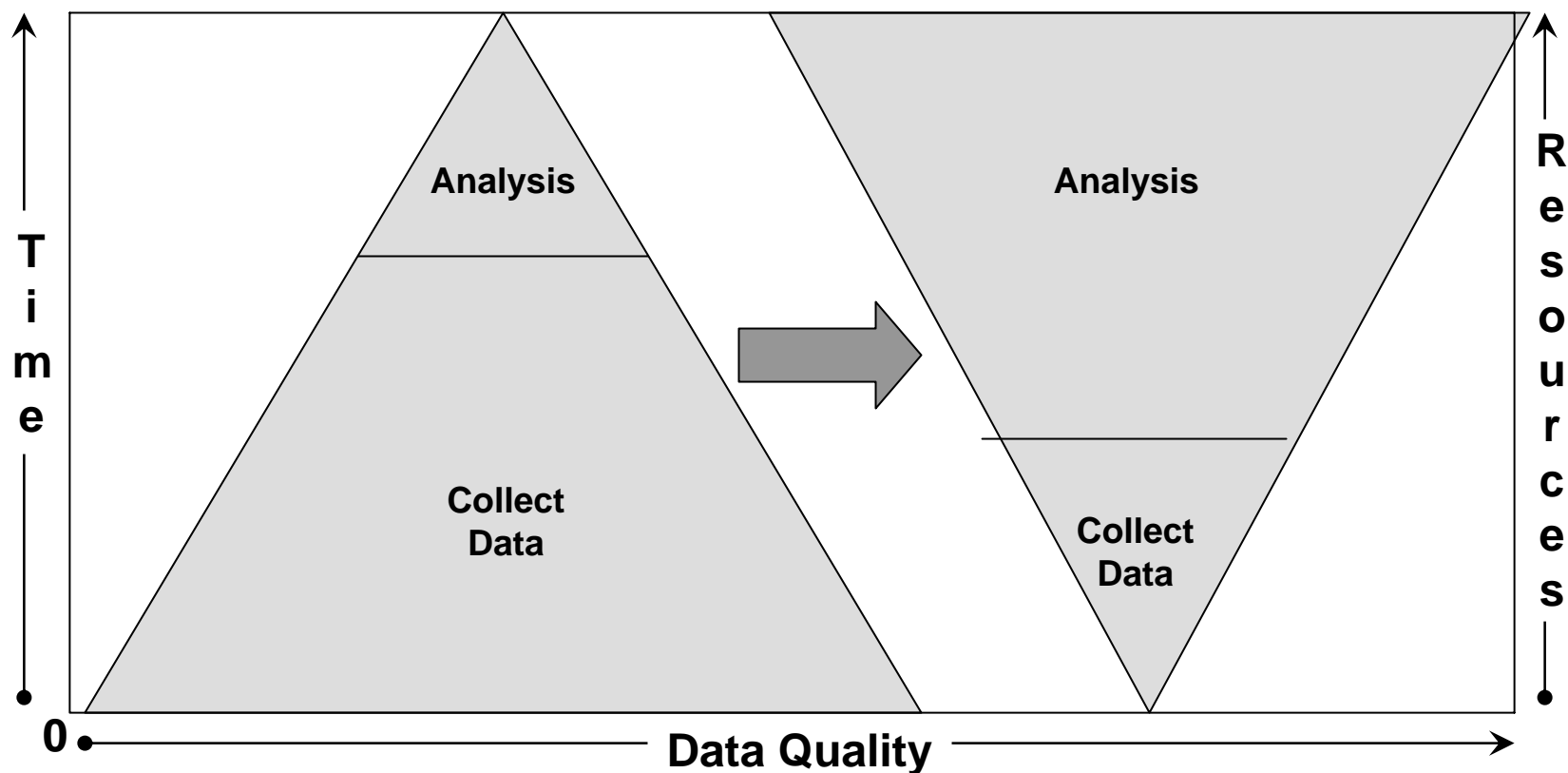
Name	Last Updated
<input type="checkbox"/> Unknown Value Exception Report - BY05	Feb 14, 2005 12:00:11 AM

**Program Budget Framework Common Information Model (CIM)**

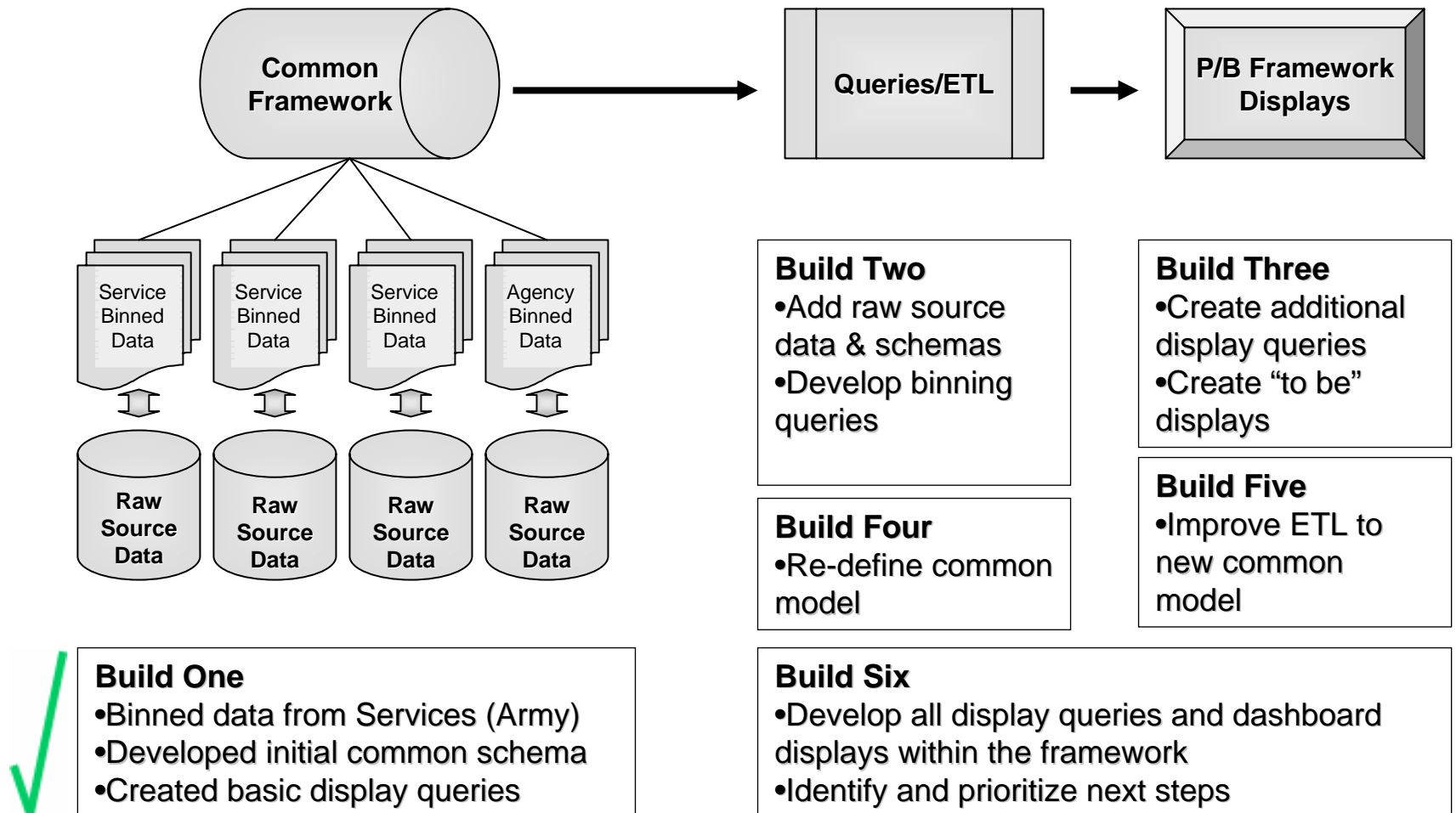
Name	Last Updated
<input type="checkbox"/> Quadrant Table	Feb 14, 2005 12:00:09 AM
<input type="checkbox"/> Category Table	Feb 14, 2005 12:00:11 AM
<input type="checkbox"/> Sub Category Table	Feb 14, 2005 12:00:09 AM
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<input type="checkbox"/> Sub Element Table	Feb 14, 2005 12:00:10 AM
<input type="checkbox"/> Temporal Future Challenges Table	Feb 14, 2005 12:00:09 AM
<input type="checkbox"/> Appropriation Table	Feb 14, 2005 12:00:09 AM

# Information “Laboratory” Goals

- Widen analysis capabilities
- Increase data quality
- Reduce data collection time
- Realign resources to analysis



# Information “Laboratory” Design



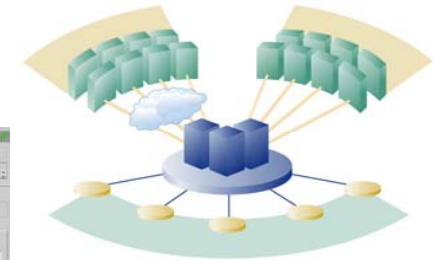


# Common Framework

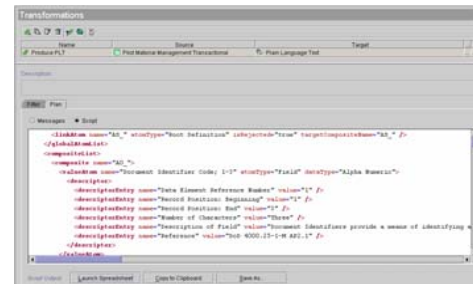
**Common Framework**

Run-Time Environment

**Business Rules**

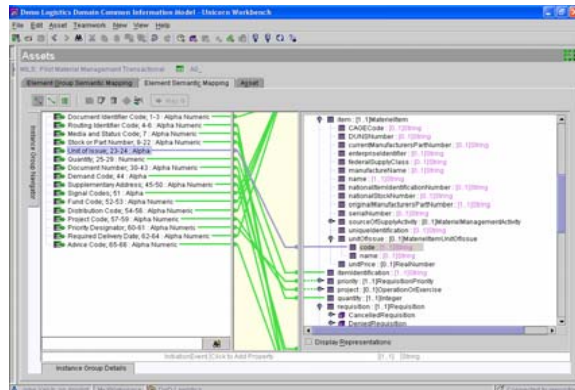


**Common Information Model**



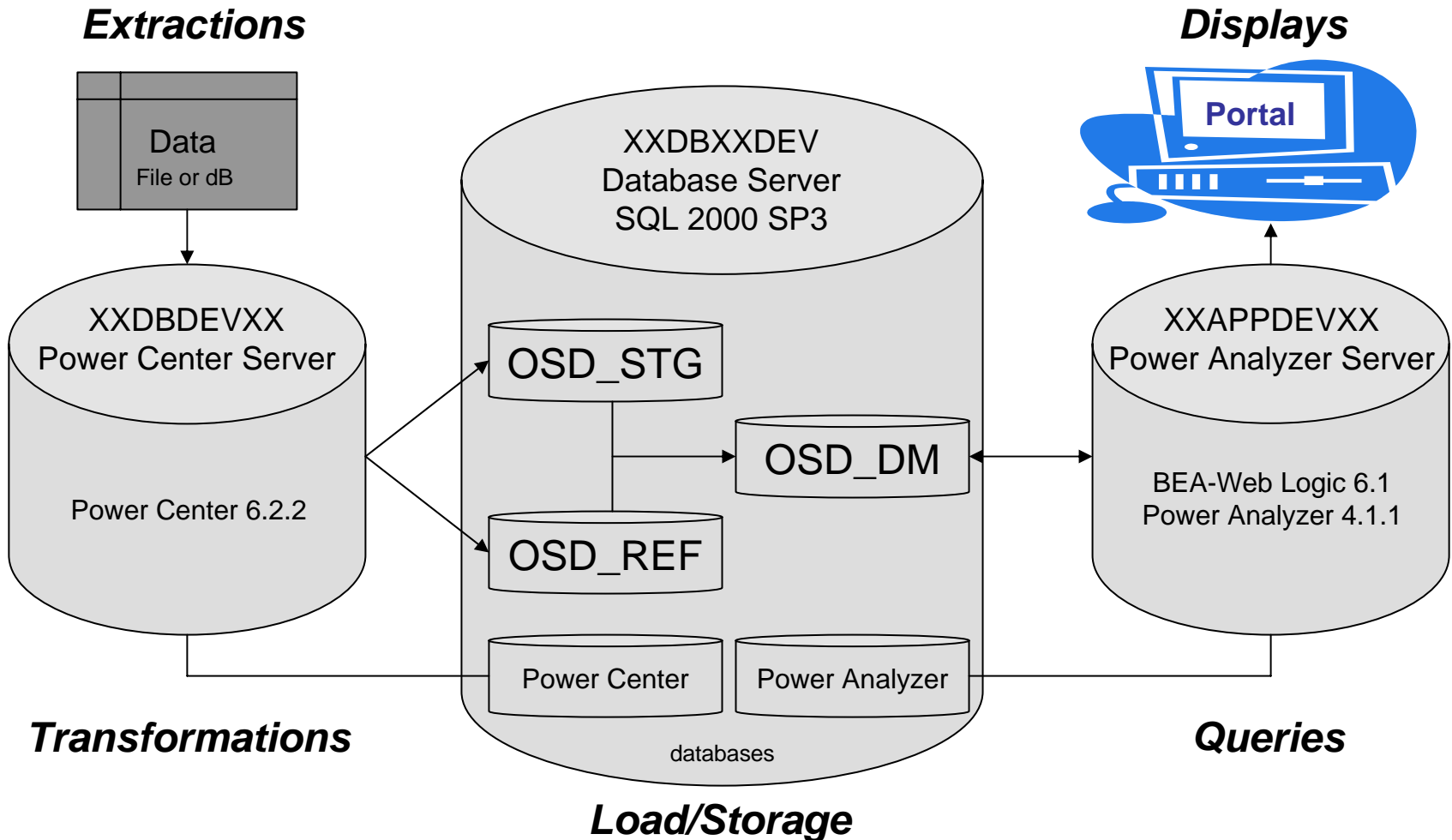
**Meta Data & Data Repositories**

**Repositories**

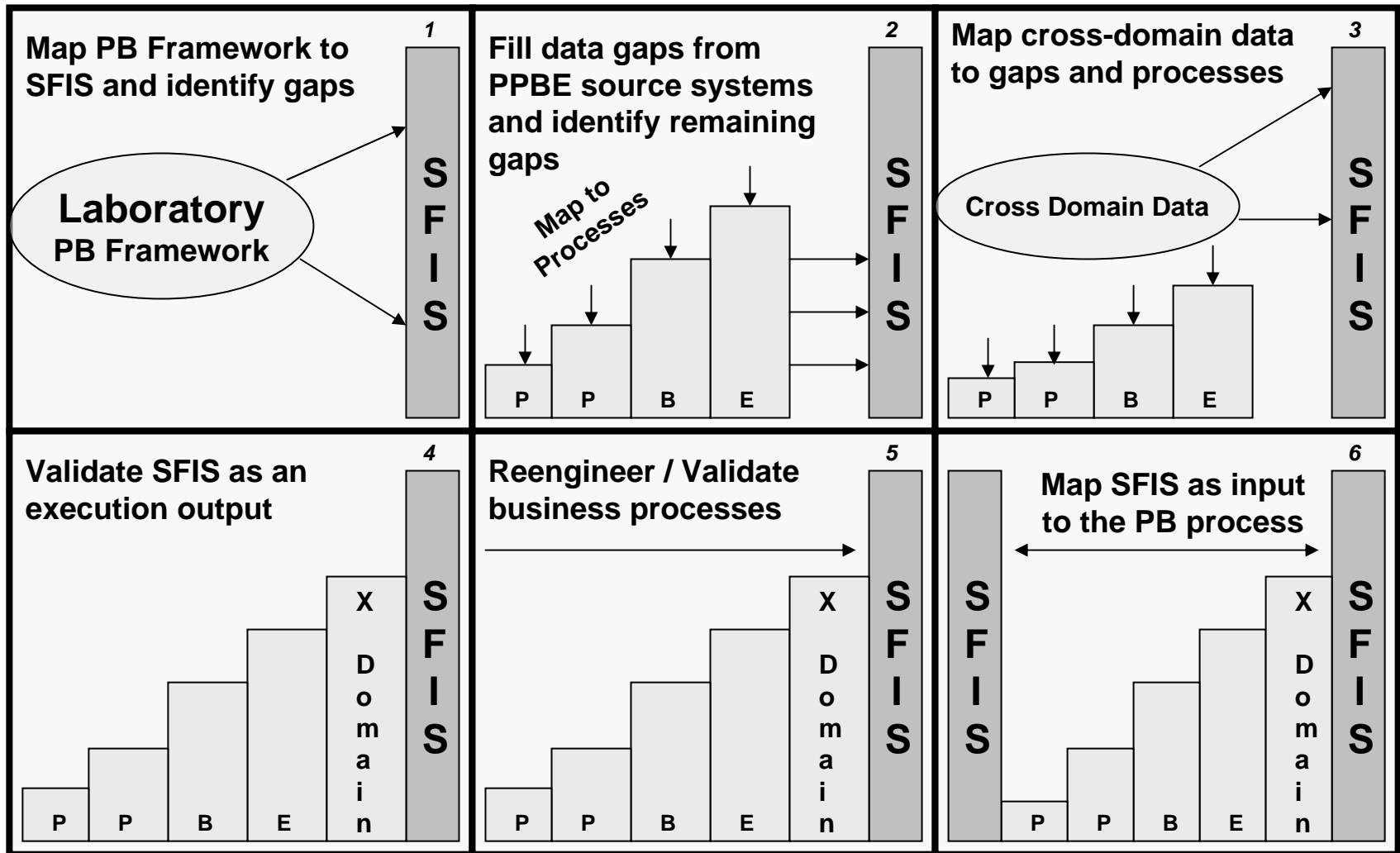


# Information “Laboratory” Architecture

*Build One – February 2005*



# Integrating SFIS into the Program Budget Process Using the Information “Laboratory”



# Business Information Strategy Roadmap

